UHF CYLINDER Tag
IDT CL S

UHF   Low Cost   IP 68   Durable

RFID UHF Cylinder Tag IDT CL is a high-quality tag designed specifically for metallic cylinders. These passive tags are built with UHF Gen2 Long Range technology, which provides adequate reading range for tracking cylinders even in harsh and hazardous environments. These tags are not only durable and sturdy but also handy, making them suitable for use in diverse industries such as warehouses and hospitals. Their ability to work seamlessly in different environments and withstand wear and tear makes them a reliable and efficient solution for tracking and managing cylinders or cylindrical items.

PHYSICAL PARAMETERS

Dimension	35.5mm x 20.7mm
Weight	8g ± 1
Encasement / Material	ABS/PC
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40℃ to +85℃
Storage Temperature	-40℃ to +85℃
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Adhesive, Magnets
Sealing	IP 68

RFID PERFORMANCE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPC Global C1 Gen2v2
Chip Type	Alien Higgs-9, Impinj M700/800 series, UCODE 9 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range Fixed Reader	Up to 6m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 2m (Reader & Chip Dependent)

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No.	IDT.RF.T.CLS.BL (Blank)

APPLICATION AREA

Hospitals   Warehouse   Automotive   Industrial Applications